

Mail Stop Patent Application Commissioner for Patents P.O. B x 1450 Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

| Transmitted herewith for filing is the patent application of | | | | | | | | | | |
|--|--|--|----------------------|--------------------------------------|-------|------------|--------|---------------|--------|-------------|
| Inventor(s): | | THOMAS J | . SLAGA | , ADDANKI | Р. | KUMAR | and | WILLIAM | ALLWOF | HT5 |
| For (title): | | TARGETING | OF T | ITION OF N HE PRIMA HOMEOSTAS | RY | COMPO | _ | | | AND CELL |
| 1. | Type of Application | | | | | | | | | |
| | This new applica [] Original [] Design [] Plant | ition is for a(n) | : | [] Divisiona [X] Continu [] Continua | ation | | TP) | | | |
| 2. | Benefit of Prior | U.S. Applicat | tion(s) (35 U | JSC §120) | | | | | | |
| | are ADI | w application b DED PAGES F PPLICATION(| OR NEW A | PPLICATION | | | | | | |
| 3. | Papers Enclosed Which Are Required For Filing Date Under 37 CFR §1.53(b) (Regular) or 37 C §1.153 (Design) Application | | | | CFR | | | | | |
| | | aims ostract drawing | | | | | | | | |
| 4. | Additional pape | ers enclosed | | | | | | | | |
| | [] Informa [] Form P [] Citation [] Declara [] Authori | nary Amendmention Disclosure TO-1449 as ition of Biologicization of Attor Comments | e Statement | | nI wc | structions | from I | Representativ | ve | |

| | [] | Enclosed, ex | | | | | | |
|----|--------|--|--|--------------------------------------|---------------------------|-----------------|--|--|
| | | | entor(s). al representative of invent | or(s). 37 CFR §1.42 G | OR §1.43 | | | |
| | | [] join | nt inventor or person show | ing a proprietary intere | est on behalf of inventor | who refused to | | |
| | | [] | n or cannot be reached. this is the petition re §1.47 is also attache | | 7 and the statement requi | red by 37 CFR | | |
| | [x] | Not Enclose | ed. | | 25 CED 01 41() | 1 10 0 11 1 | | |
| | | abo | plication is made by a pe ove named inventor(s). Th R §1.16(e) can be filed su Showing that the fil | e declaration or oath, a bsequently. | | | | |
| 6. | Inven | torship Staten | nent | | | | | |
| | The in | The inventorship for all the claims in this application are: | | | | | | |
| | [X] | The same | | | | | | |
| | [] | claimed inve | e. An explanation, includention was made, tted. [] will be submitted. | | the various claims at th | e time the last | | |
| | | | | | | , | | |
| 7. | Langi | uage | | | | | | |
| | [X] | English | | | | | | |
| | [] | non-English | attached translation is a v | rerified translation. 37 | 7 CFR 1.52(d). | | | |
| 8. | Assig | nment | | | | | | |
| | [x] | | ent of the invention to On ed. [x] will follow. | cology Sciences Corpo | oration of Austin, Texas | | | |
| 9. | Certi | Certified Copy | | | | | | |
| | Certif | ied copy(ies) or | f application(s) | | | | | |
| | (Coun | ıtry) | (Appln. No.) | (Filed) | | | | |
| | (Cour | ntry) | (Appln. No.) | (Filed) | | | | |
| | from | which priority i | s claimed: | • | | | | |
| | | [] is(are) a | | low | | | | |
| | | [] is(aic) a | tached. [] will it | | | | | |

5.

Declaration or oath

| Fee Calculation (37 CFR §1 | 1.16) | |
|--|-------|--|
|--|-------|--|

| | Α. | ĮΧJ | Regular applica | ation | | | | |
|-------------------|----------------------|------------|---|---------------------------------------|---------|------------------------|-----|------------------|
| CLAIM | IS AS FII | LED | · · · · · · · · · · · · · · · · · · · | | | | | |
| Numbe | r filed | | Number Extra | Rate | | Total | | |
| Basic Fee | | | | | | | | \$750.00 |
| Total Claims | | | 6 | - 20 = | 0 | x \$ 18.00 | | |
| Indeper Claims | ndent (37 CFR | 1.16(b)) | 4 - | 3 = | 1 | x \$84.00 | | |
| | e depende (37 CFR | | (s), | 0 | | \$280.00 | | |
| | | [] [] | Amendment can Amendment del Fee for extra cla | eting multiple de | ependen | cies enclosed. | | |
| | | | | | | Filing Fee Calculation | | \$ 834.00 |
| | В. | [] | Design applicate (\$330.0037 CI | | | | | |
| | | | | | | Filing Fee Calculat | ion | \$_330.00 |
| | C. | [] | Plant application (\$250.0037 CI | | | | | |
| | | | | | | Filing Fee Calculat | ion | \$ |
| 11. | Small I | Entity Sta | atement(s) | | | | | |
| | [X] | - | | ES AS A SMAL | L ENTI | TY (INDIVIDUAL) | | |
| | | Filing F | ee Calculation (5 | 0% of A , B or C | above) | | | \$ <u>417.00</u> |

| 12.Req | uest for l | International-Type Search (37 CFR §1.104(d)) | | |
|--------|------------|--|-------------------------------|------------------------------|
| | [] | Please prepare an international-type search report for t examination on the merits takes place. | his application at the time v | hen national |
| 13. | Fee Pay | yment Being Made At This Time | | |
| | [x] | Not Enclosed [] No filing fee is to be paid at this time. Enclosed | | |
| | | [] basic filing fee [] recording assignment (\$8.00; 37 CFR §1.21(h)) [] petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$120.00; CFR §1.47 and §1.17(h)) [] for processing an application with a specification in a non-English language. (\$30.00; 37 CFI §1.52(d) and §1.17(k) [] processing and retention fee (\$120.00; 37 CFR §1.53(d) and §1.21(l)) [] fee for international-type search report (\$30.00; 37 CFR §1.21(e) | R Total fees enclosed | \$\$ \$\$ \$\$ \$\$ |
| 14. | Metho | d of Payment of Fees | | |
| | | Check in amount of \$395.00 Charge Account No. 50-0894 in the amount of \$ | A duplicate of this transmitt | al is attached. |
| 15. | Author | rization to Charge Additional Fees | | |
| | [] . | The Commissioner is hereby authorized to charge the following the entire pendency of this application to Account No. 50 and CFR §1.16 (a), (f) or (g) (filing fees) and CFR §1.16 (b), (c) and (d) (presentation of extended in the filing date of the application) and CFR §1.17 (application processing fees) |)-0894. xtra claims) | |

Instructions As To Overpayment 16.

[]

[] credit Account No. 50-0894 [X] refund

§1.311(b))

37 CFR §1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR

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| [X] | Incorporation by reference of added pages | | | | | |
|-----|---|---|--|--|--|--|
| | [X] | Plus Added Pages For New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed | | | | |
| | | Number of pages added | | | | |
| | [] | Plus Added Pages for Papers Referred To In Items 5, 11 & 13 Above | | | | |
| | | | | | | |
| | | Number of pages added 7 (incl. check) | | | | |

[] Statement Where No Further Pages Added

[] This transmittal ends with this page.

CERTIFICATION UNDER 37 CFR 1.10

Express Mail Label Number: EV 298570486 US

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date indicated below in an envelope as "Express Mail Post Office to Addressee" addressed to the Mail Stop Patent Application; Commissioner for Patents; P.O. Box 1450; Alexandria, VA 22313-1450.

4/24/03

Date

David G. Henr

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

| 17. | Relat | e Back - | 35 U.S.C. §120 | | | | | |
|--------|----------|--------------|--|-------------------|-----------|--|--|--|
| | [x] | Amer | d the Specification by inserting before the first line the sen | tence: | | | | |
| | "This | is a | | | | | | |
| | [x] | continuation | | | | | | |
| | [] | conti | nuation-in-part | | | | | |
| | [] | divisi | onal | | | | | |
| of cop | ending a | applicatio | n(s) | | | | | |
| | [x] | serial | number <u>09/777,151</u> filed on <u>02/05/2001</u> | 11 | | | | |
| | [] | Interr | ational Application | filed on | | | | |
| | | | and which designated the U.S." | | | | | |
| 18. | Relat | te Back - | 35 U.S.C. 119 Priority Claim for Prior Application | | | | | |
| above | | | application(s), including any prior International Application itself claim(s) foreign priority(ies) as follows: try appl. no. | filed | | | | |
| | The c | | opy(ies) has (have) | | • | | | |
| on | [] | | filed onin prior application 0 / | which | was filed | | | |
| | [] | is (are | e) attached | | | | | |
| 19. | Main | tenance | of Copendency of Prior Application | | | | | |
| | A. | [x] | Extension of time in prior application | | | | | |
| | | [x] | A petition, fee and response extends the term in the pen application until 06/27/03 | ding prior | | | | |
| | | [] | A copy of the petition filed in prior application is attach | ed | | | | |
| | | [] | No action has been taken in prior application | | | | | |
| | В. | [] | Conditional Petition for Extension of Time in Prior Apr | olication | | | | |

| | | [] | A conditional petition for extension of time is being filed in the pending prior application | | | |
|-----|---------|---|---|--|--|--|
| | | . [] | A copy of the conditional petition filed in the prior application is attached | | | |
| 20. | Furth | er Inven | torship Statement Where Benefit of Prior Application(s) Claimed | | | |
| | (a) | [x] | This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are | | | |
| | | | [X] the same | | | |
| | | | [] less than those named in the prior application and it is requested that the following inventor(s), erroneously identified in the prior application without deceptive intent, be deleted: | | | |
| | | | (name(s) of inventor(s) to be deleted) | | | |
| | (b) | [] | This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application the inventor(s) in this application are | | | |
| | | | [] the same | | | |
| | | | [] the following additional inventor(s) have been added | | | |
| | | | (name(s) of inventor(s) to be added) | | | |
| | (c) | The in | eventorship for all the claims in this application are | | | |
| | | [x] | the same | | | |
| | | [] | not the same, and an explanation, including the ownership of the various claims at the time the last claimed invention was made | | | |
| | | | [] is submitted . [] will be submitted | | | |
| 21. | Aban | donment | t of Prior Application (if applicable) | | | |
| | [X] | petitio | e abandon the prior application at a time while the prior application is pending or when the on for extension of time or to revive in that application is granted and when this application is d a filing date so as to make this application co-pending with said prior application. | | | |
| 22. | Petitic | on for Su | spension of Prosecution for the Time Necessary to File an Amendment | | | |
| | []. | There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently) | | | | |
| | [x] | This a | application transmittal ends with this page | | | |